

DP-304809

## ROTOR ASSEMBLY AND METHOD OF MANUFACTURING

## ABSTRACT

5                   A rotor assembly comprising: a circular iron core having a top  
and bottom side spaced from each other; extruded aluminum bars inserted into  
and around the circumference of the circular iron core; and a pair of extruded  
circular end rings attached to the top and bottom of the iron core. The circular  
end rings are cut from an elongated extruded member and are configured to  
10 have a plurality of openings configured to align with and receive a portion of the  
extruded aluminum bars when they are inserted into the iron core. A  
manufacturing process for manufacturing the rotor assembly is also described.